1st and Final bill

e of work: Improvements to roads and drains at Sharada nagara in ward no-04 .

Order No: BBMP / EE/ YNK.D / E-PMT-09 /W.O / 00261 /2020-21 dt: 19-03-2021.

NUMBER: 004-21-000007.

nate Cost: 99.00 lakhs.

o: EE/ YNK.D/ AS / /2020-21 dt :

o : CE / YNK.Z/ TS / /2020-21 dt :

e of Contractor : Sri Umesh N.

MEASUREMENTS

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification As Per Engineer In-Charges	Cum							
Premeasument Recorded vide excel sheet page no 1to2						1398.41		
						1398.41	137.80	192701.00
Removing & Refixing stone slabs of drains and pointing in C M (1:3) As Per Engineer In-Charges	Sqm							
RHS		2	9.15	0.90		16.47		
		2	9.15	0.90		16.47		
		1	12.20	0.90		10.98		
		2	9.15	0.90		16.47		
		1	12.20	0.90		10.98		
		3	9.15	0.90		24.71		
LHS		1	12.20	0.90		10.98		
		3	9.15	0.90		24.71		
		2	12.20	0.90		21.96		
		1	11.60	0.90		10.44		
		1	12.20	0.90		10.98		
		2	12.20	0.90		21.96		
						197.10	111.30	21937.00

C&E

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-೫೬

Ranganjeeviah.

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications As Per Engineer In-Charges	Cum							
Premeasument Recorded vide excel sheet page no 2						46.94		
						46.94	**952.94**	**44731.00**
Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications As Per Engineer In-Charges	Sqm							
Premeasument Recorded vide excel sheet page no 3						1059.20		
						1059.20	**95.40**	**101048.00**
Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications As Per Engineer In-Charges	Sqm							
Premeasument Recorded vide excel sheet page no 7 to 8						1373.60		
						1373.60	**6.36**	**8736.00**

Rameshanjeeth.

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
roviding and laying Plain ement concrete of mix 1:3:6 ith OPC @ 220kgs, with rushed 40mm and down size raded granite metal coarse ggregates @0.89cum and ine aggregates @ 0.46cum, n foundation mechanically nixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications As Per Engineer In-Charges	Cum							
Premeasument Recorded vide excel sheet page no 3104								
						177.83	5509.33	979712.00
Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) including cost of materials, labour, HOM complete as per specifications MORTH Specification No. 1600 & 2200 As Per Engineer In-Charges	Tonne							
Premeasument Recorded vide excel sheet page no 4107								
						18.56	65046.90	1207270.00

Ramanjeevaiah.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
roviding and laying ain/reinforced cement oncrete for side drains using 120 nominal mix concrete vith OPC at 300 kgs. with 20mm and down size granite netal coarse aggregates at) 69 cum and fine aggregates at 0 43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc , complete excluding cost of steel as per MORTH specification No 1500, 1700, 2200 including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm As Per Engineer In-Charges	Cum							
for RCC drain MIG 3rd phase 21st cross house no 2279 RHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	10.00	0.90	0.15	1.35		
		1	26.00	0.90	0.15	3.51		
22nd cross road B sector House no 2282/A LHS		1	27.40	0.90	0.15	3.70		
		1	30.00	0.90	0.15	4.05		
		1	9.00	0.90	0.15	1.22		
RHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	28.20	0.90	0.15	3.81		
LIG 3rd phase house no 2449 RHS		1	30.00	0.90	0.15	4.05		
		1	14.00	0.90	0.15	1.89		
LHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	1.70	0.90	0.15	0.23		
Yeshwanth house road LIG House no 2430/A LHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	2.70	0.90	0.15	0.36		
RHS		1	30.00	0.90	0.15	4.05		
		1	25.60	0.90	0.15	3.46		
		1	21.80	0.90	0.15	2.94		
6th B main road RHS		1	24.40	0.90	0.15	3.29		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	8.30	0.90	0.15	1.12		
LHS		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		

Ramarangeeral 10/5/2021

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		1	15.00	0.90	0.15	2.03		
		1	5.50	0.90	0.15	0.74		
ulverts								
1st cross road houes no 2280		1	6.70	1.20	0.30	2.41		
ide walls								
MIG 3rd phase 21st cross house no 2279 RHS		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		2	10.00	0.15	0.75	2.25		
		2	26.00	0.15	0.75	5.85		
22nd cross road B sector House no 2282/A LHS		2	27.40	0.15	0.75	6.17		
		2	30.00	0.15	0.75	6.75		
		2	9.00	0.15	0.75	2.03		
RHS		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		2	28.20	0.15	0.75	6.35		
LIG 3rd phase house no 2449 RHS		2	30.00	0.15	0.75	6.75		
		2	14.00	0.15	0.75	3.15		
LHS		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		2	1.70	0.15	0.75	0.38		
Yeshwanth house road LIG House no 2430/A LHS		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		2	2.70	0.15	0.75	0.61		
RHS		2	30.00	0.15	0.75	6.75		
		2	25.60	0.15	0.75	5.76		
		2	21.80	0.15	0.75	4.91		
6th B main road RHS		2	24.40	0.15	0.75	5.49		
		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		3	30.00	0.15	0.75	10.13		
		2	8.30	0.15	0.75	1.87		
LHS		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		2	30.00	0.15	0.75	6.75		
		2	15.00	0.15	0.75	3.38		
		2	5.50	0.15	0.75	1.24		
culverts								
21st cross road houes no 2280		2	6.70	0.30	0.90	3.62		
ramp		2	6.70	0.35	0.10	0.47		
						294.13	7189.42	2114624

Ranganjeeval

10/05/2021

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Providing and fixing Precast CC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges (Data Rate) As Per Engineer In-Charges	Sqm							
for RCC drain MIG 3rd phase 21st cross house no 2279 RHS		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	4.00	0.90		3.60		
		1	26.00	0.90		23.40		
22nd cross road B sector House no 2282/A LHS		1	27.40	0.90		24.66		
		1	30.00	0.90		27.00		
		1	9.00	0.90		8.10		
RHS		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	15.00	0.90		13.50		
LIG 3rd phase house no 2449 RHS		1	30.00	0.90		27.00		
		1	14.00	0.90		12.60		
LHS		6	0.90	0.60		3.24		
		16	0.90	0.60		8.64		
Yeshwanth house road LIG House no 2430/A LHS		1	30.00	0.90		27.00		
		1	24.00	0.90		21.60		
RHS		1	30.00	0.90		27.00		
		1	25.60	0.90		23.04		
		1	21.80	0.90		19.62		
6th B main road RHS		1	24.40	0.90		21.96		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	8.30	0.90		7.47		
LHS		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	30.00	0.90		27.00		
		1	15.00	0.90		13.50		
		1	5.50	0.90		4.95		
missing qty 5th B main road LHS		1	15.00	0.75		11.25		
		1	12.00	0.75		9.00		
		1	20.00	0.75		15.00		
		1	22.00	0.75		16.50		
		1	21.00	0.75		15.75		

Executive Engineer
Yelahanka Division,
B.B.M.P, Bangalore-64
13/5/2021

CKFC

Ramarangeerd 13/5/2021

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
HS		1	12.00	0.75		9.00		
		1	20.00	0.75		15.00		
		1	22.00	0.75		16.50		
		1	21.00	0.75		15.75		
		1	18.00	0.75		13.50		
		1	25.00	0.75		18.75		
						797.88	2337.00	1864645.56
Cement concrete pavement Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion,	Cum							
LIG Yeshwanth house road house no 2403/A		1	15.00	(3.6+3.9)/2	0.15	8.44		
		1	15.00	(3.9+3.7)/2	0.15	8.55		
		1	15.00	(3.7+3.7)/2	0.15	8.33		
		1	10.60	(3.7+3.3)/2	0.15	5.57		
house no 2423		1	9.15	(8.4+8.3)/2	0.10	7.64		
house no 2439		1	10.20	(5.2+5.3)/2	0.10	8.51		
						47.02	5354.02	251746

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore - 64
18/5/2021

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4 % VG-30 Bitumen As Per Engineer In-Charges	Cum							
	6th b main road B sector house no 2295		1	30.00	(7.10+7.25)/2	0.04	8.61		
			1	30.00	(7.25+7.70)/2	0.04	8.97		
			1	30.00	(7.70+7.50)/2	0.04	9.12		
			1	30.00	(7.50+7.0)/2	0.04	8.70		
			1	28.30	(7.0+7.4)/2	0.03	6.11		
	5th b main road B sector house 2313		1	30.00	(7.3+7.3)/2	0.04	8.76		
			1	30.00	(7.3+7.3)/2	0.04	8.76		
			1	30.00	(7.3+7.3)/2	0.04	8.76		
			1	30.00	(7.3+7.3)/2	0.04	8.76		
			1	23.50	(7.3+7.3)/2	0.03	4.88		
							81.44	7355.34	598993
18	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface.- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. As Per Engineer In-Charges	Sqm							
	6th b main road B sector house no 2295		2	30.00	0.15		9.00		

Executive Engineer, Yelahanka Division, B.B.M.P, Bangalore - 64

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	28.30	0.15		8.49		
	5th b main road B sector house 2313		2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	30.00	0.15		9.00		
			2	22.30	0.15		6.69		
							87.18	454.74	39644
	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications As Per Engineer In-Charges	Cum							
	Qty same as item no 1 , and 8						1446.00		
							1446.00	57.00	82422
20	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I Surface Road As Per Engineer In-Charges	t.km							
	Qty same as item no 19						1446.00		
							1446.00	12.80	18509
							Sub Total		8740586
							12% GST		1048870
							Grand Total		9789456

Ranganayaka
25/05/2021.

C&FC
Saulin
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ-2
ಬಿ.ಡಿ.ಎ.ಪ್ರ. ಬೆಂಗಳೂರು-106